



Organization

The US Army Product Manager, Force Protection Systems (PM-FPS), is the Army Materiel Developer for Force Protection Systems. PM-FPS is a product management organization under the Joint Program Executive Office, Chemical and Biological Defense (JPEO-CBD).

Mission

Provide cost-effective, state-of-the-art, and logistically supportable physical security and force protection systems to installations and tactical forces deployed worldwide.

Program Management

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Additional Information

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BAIS

Battlefield Anti-Intrusion System, AN/PRS-9

Tactical Force Protection Technology Enhancement

The BAIS replaces the obsolete Platoon Early Warning System as the tactical sensor system for small units. BAIS provides a reliable early detection, classification, and warning capability based on proven, fielded seismic/acoustic sensors and modified commercial off-the-shelf components. With a basis of issue of one BAIS per infantry, reconnaissance, and engineer platoon and two per military police platoon, the BAIS provides a sizeable increase in sensor density and depth to allow warfighters increased situational awareness.



Tactical Detection

BAIS Features

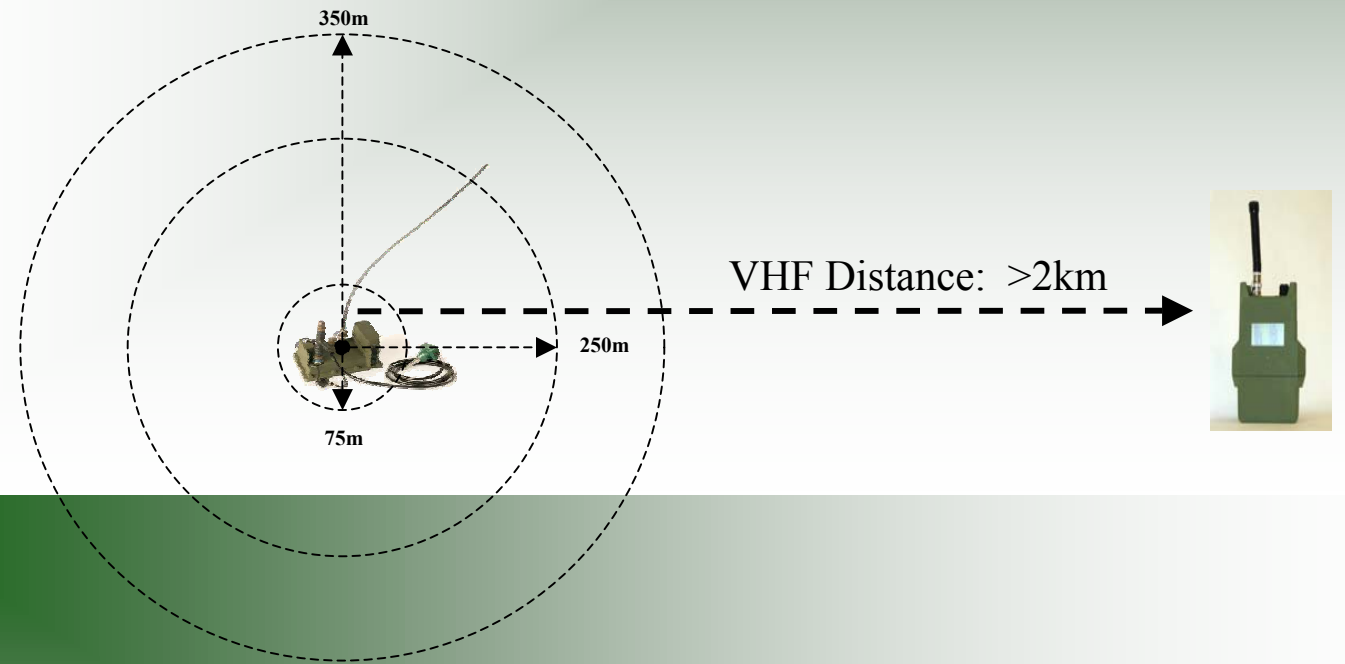
- Component weight <1.65 lbs
- Detection coverage $\geq 450\text{m}$
- Transmission range > 2km
- Capable of airborne delivery

Special Features

- Compatible with legacy sensors
- Capable of 96 hours of continuous operation
- Very low false alarm rate
- Target classification

Sensor Detection Range

- 75m radius for personnel
- 250m radius for wheeled vehicles
- 350m radius for track vehicles



BAIS Kit Configuration

